

OM of: US-09-444-711-1 to: Issued_Patents_AA:* out-format : pfs

Date: Dec 30, 2000 10:16 AM

About: Results were produced by the Gencore software, version 4.5,
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Command line parameters:

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-GAPXT=4.000 -MINMATCH=0.100 -LOOPEL=0.000 -LOOPEXT=0.000
-GAPOP=4.500 -GAPEXT=0.050 -XGAPOP=10.000 -XGAPEXT=0.500
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-TRANS=human40.cdi -LIST=45 -DOCALIGN=200 -THR SCORE=pcr
-EXT=MINLEN=0 -MAXLEN=200000000
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Search information block:

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Query length: 1611
Database: Issued_Patents_AA:*
Database sequences: 164575
Database length: 16761186
Search time (sec): 55.260000

Score list:

Sequence Strd Orig ZScore EScore Len ! Documentation
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/cgn2_6/ptodata/2/1aa/PCUTS_COMB.pep:PCr-US95-05008-9 + 811.50 962.64 4.2e-47 620
/cgn2_6/ptodata/2/1aa/5B_COMB.pep:US-07-857-224B-57 + 810.50 969.94 3.9e-47 262

seq_name: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:US-07-820-011A-4

seq documentation block:

Sequence 4, Application US/07820011A
Patent No. 5336615
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madril, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Lubliner, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
TITLE OF INVENTION: and Plasmidogen Activator Activity
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb storage
COMPUTER: IBM PC XT
OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/820,011A
FILING DATE: 19920106
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: LB-101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 536 amino acids
TYPE: AMINO ACID
TOPOLOGY: Linear
MOLECULE TYPE: Protein
HYPOTHEICAL: NO
FRAGMENT TYPE: Complete Sequence
ORIGINAL SOURCE:
ORGANISM: Homo sapien
PUBLICATION INFORMATION:
AUTHORS: Anderson, Stephen K.
AUTHORS: Gibbs, Carol P.
AUTHORS: Tanaka, Akio
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene:
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Aci, Sequence of the Region Coding for
TITLE: the Carboxy-Terminus Two-Thirds of
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.

AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence
TITLE: Divergence among src-Type Kinase
TITLE: Oncogenes
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983
DATE: May, 1987
US-07-820-011A-4

alignment_scores:

Quality: 2834.00 Length: 536
Ratio: 5.287 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

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51 SerAlaAlaPheAlaProAlaAlaAlaGlnProLysLeuPheGlyPhe 67
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seq_documentation_block:

Sequence 13, Application PC/TUS9505008

GENERAL INFORMATION:

APPLICANT: Sugen, Inc.

APPLICANT: 515 Galveston Drive

APPLICANT: Redwood City, California 94063-4720

APPLICANT: United States of America

APPLICANT: Wissenschaften E.V.

APPLICANT: Holgarten Str. 2

APPLICANT: Munchen 80539

APPLICANT: Germany

TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine

TITLE OF INVENTION: Kinases

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/05008

FILING DATE: 24-Apr-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/232,545

FILING DATE: 22-Apr-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-074

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)790-9090

TELEFAX: (212)869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 536 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

PCT-US95-05008-13


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Sequence 2, Application US/07820011A
Patent No. 533615

GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madril, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Luthringer, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
TITLE OF INVENTION: Migration
NUMBER OF INVENTIONS: 4
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430

COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 kb storage
COMPUTER: IBM PC XT
OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/820, 011A
FILING DATE: 19920106
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: LB-101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 254 1101
TELEFAX: (203) 254 1400
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 533 amino acids
TYPE: AMINO ACID
TOPOLOGY: Linear
MOLECULE TYPE: Protein
HYPOTHETICAL: NO
FRAGMENT TYPE: Complete Sequence
ORIGINAL SOURCE:
ORGANISM: Gallus, gallus
PUBLICATION INFORMATION:
AUTHORS: Takeya, Tatsuo
TITLE: Structure and Sequence of the
TITLE: Cellular Gene Homologous to the RSV src
TITLE: Gene and the Mechanism for Generating the
TITLE: Transforming Virus
JOURNAL: Cell
VOLUME: 32
PAGES: 881-890
DATE: March, 1983

US-07-820-011A-2

alignment_scores:
Quality: 2660.50      Length: 536
Ratio: 5.107          Gaps: 1
Percent Similarity: 97.201  Percent Identity: 93.843

alignment_block:
US-09-444-711-1 x US-07-820-011A-2 ..

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31	LaSerGlnThrProAsnGlyThrAlaAlaProAspThrHisArgThrPro	47
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201	CAACTCCCGCAGAACCGCACCTCCCGCAGAGGGCGGGGCCCGCGGGCG	250
64	AsnThrSerAspThrValThrSerProGlnArgAlaGlyAlaLeuAlaG	81
251	GTGAGTAGCACACCTTTGTGGCGCCCTATGACTAGATCTAGAGCGAG	300
81	LYGlyValThrThrPheAlaAlaLeuTrpAspTyrGlnSerArgThrGln	97
301	ACAGACCTGTCCTTCAAGAAAGCGAGCGGCTCCAGATTGTCAACACAC	350
98	ThrAspSerPheLysGlyGlnArgGlnGlnIleValAsnAsnThr	114
351	CGAGGAGACTGGTGGCGCTGGCGCCACTGCTCAGACAGACAGAACAGCT	400
114	TGUGlyAspTrpTrpPheAlaHisSerLeuThrThrGlyGlnThrGlyT	131
131	YThrProSerAsnTyrValAlaProSerAspSerIleGlnAlaGlnGln	147
451	TGGTATTTTGGCAGATCACACAGCGGAGTCCAGAGCGGTACTCTCAA	500
148	TrpArgPheGlyLysIleThrArgArgGlnSerGlnArgLeuLeuAsn	164
501	TGCAGAAACCCCGAGAGGAGCCTTCCTCGTGCAGAAAGTAGACACAGA	550
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551	AGGTTGGCTACTGGCTCCAGTGTGTCGACTCCGACCAAGCCAAAGGCGCTC	600
181	YSGlyAlaTyrCysLeuSerValSerAspPheAspAsnAlaGlySerLeu	197
601	AACTGAGAGACTCAAGATCCGACAGCTGGACAGCGCGCTTACTACAT	650
198	AsnValLysHisTyrLysIleArgLysLeuAspSerGlyGlyPheTyrIle	214
651	CACCTCCCGACCCAGTTCACACAGCCTGCACAGCAGCTGGTGGCTACTACT	700
214	eThrSerArgThrGlnPheSerSerLeuGlnGlnIleValAlaTyrTyrS	231
701	CCAAACAGCGCGAATGGCGCTGTGGCCACCGGCTCACACCGCTGTGCCACAG	750
231	eArgHisAlaAspGlyLeuCysHisArgLeuThrAsnValCysProThr	247
751	TCCAAAGCGCAGACTCAGGGCGCTGCCCAAAGATGCTGGAGAGATCCCTCG	800
248	SerLysProGlnThrGlnGlnGlyLeuAlaAlbAspAlaTrpGlnIleProArg	264
801	GGAAGTGGCTCGGCTGGAGGTCAAGCTGGCGCAGGCGCTTGGCGAGG	850
264	gGlnSerLeuArgGlnGlnValLysLeuGlyGlnGlycysPheGlyGln	281
851	TGTGGATGGGACCTGGAAAGGTATCCACACAGGGTGGCATCAAAACCTG	900
281	aTrpMetGlyThrTrpAsnGlyThrThrArgValAlaIleLysThrLeu	297
901	AAACCTGGCAGATGTCCTCCAGAGGCTTCTCTGGAGAGGCGCCAGGTCAT	950
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1101 GGACATGGCTGCTCAGATCGCTCAGATCGCTCAGATCGCTCAGATCG 1150
364 lAspmetAlaIaIaIaIaIaIaIaIaIaIaIaIaIaIaIaIaIaIa 381
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1201 CTGGGTGCAAAAGTGCGCGACTTGGGCTGGCTGGCTCATTGAAGCAA 1250
398 leuvalCyslySvalAlaAspPheglyleuAlaIaIaIaIaIaIaIa 414
1251 TGAGTACAGCGCGCGGAGAGTGCCTCAATTCCTCATCAAGTGGAGGCTC 1300
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seq_documentation_block:

Sequence 2, Application PC/TUS9300445

GENERAL INFORMATION:

APPLICANT: Bell, Leonard

APPLICANT: Madril, Joseph A.

APPLICANT: Warren, Stephen L.

APPLICANT: Luthringer, Daniel J.

TITLE OF INVENTION: Genetically Engineered

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Maurice M. Klee

STREET: 1951 Burr Street

CITY: Fairfield

STATE: Connecticut

COUNTRY: USA

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ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 760 KB storage
COMPUTER: DELL 486/50
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT-US93/00445
FILING DATE: 19930105
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 07/820,011
FILING DATE: 06-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: ALX-101PCT
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 533 amino acids
TYPE: AMINO ACID
TOPOLOGY: Linear
MOLECULE TYPE: Protein
HYPOTHETICAL: No
FRAGMENT TYPE: Complete Sequence
ORIGINAL SOURCE:
ORGANISM: Gallus, gallus
PUBLICATION INFORMATION:
AUTHORS: Takeya, Tatsuo
TITLE: Structure and Sequence of the
TITLE: Cellular Gene Homologous to the RSV src
TITLE: Gene and the Mechanism for Generating the
TITLE: Transforming Virus
JOURNAL: Cell
VOLUME: 32
PAGES: 881-890
DATE: March, 1983
PCT-US93-00445-2

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alignment_scores: Quality: 2660.50 Length: 536
Ratio: 5.107 Gaps: 1
Percent Similarity: 97.201 Percent Identity: 93.843

alignment_block: US-09-444-711-1 x PCT-US93-00445-2 ..

Align seg 1/1 to: PCT-US93-00445-2 from: 1 to: 533

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seq_documentation_block:

/ Sequence 14, Application PC/TUS9505008

/ GENERAL INFORMATION:

/ APPLICANT: Sugen, Inc.

/ APPLICANT: 515 Galveston Drive

/ APPLICANT: Redwood City, California 94063-4720

/ APPLICANT: United States of America

/ APPLICANT: Wissenschaften E.V.

/ APPLICANT: Hofgarten Str. 2

/ APPLICANT: Munchen 80539

/ APPLICANT: Germany

/ TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine

/ TITLE OF INVENTION: Kinases

/ NUMBER OF SEQUENCES: 21

/ CORRESPONDENCE ADDRESS:

/ ADDRESSEE: Pennie & Edmonds

/ STREET: 1155 Avenue of the Americas

/ CITY: New York

/ STATE: New York

/ COUNTRY: U.S.A.

/ ZIP: 10036

/ COMPUTER READABLE FORM:

/ MEDIUM TYPE: Floppy disk

/ COMPUTER: IBM PC compatible

/ OPERATING SYSTEM: PC-DOS/MS-DOS

/ SOFTWARE: PatentIn Release #1.0, Version #1.25

/ CURRENT APPLICATION DATA:

/ APPLICATION NUMBER: PCT/US95/05008

/ FILING DATE: 24-APR-1995

/ CLASSIFICATION:

/ PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/233,545
FILING DATE: 22-APR-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CORNUZZI, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7683-074
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (212)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 543 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
PC: 395-05008-14

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Percent Similarity:	86.813	Percent Identity:	74.542

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ALIGNMENTS

RESULT 1

US-07-820-011A-3

; Sequence 3, Application US/07820011A

; Patent No. 5336615

; GENERAL INFORMATION:

; APPLICANT: Bell, Leonard

; APPLICANT: Madri, Joseph A.

; APPLICANT: Warren, Stephen L.

; APPLICANT: Guthringer, Daniel J.

; TITLE OF INVENTION: Genetically Engineered

; TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced

; TITLE OF INVENTION: Migration

; TITLE OF INVENTION: and Plasminogen Activator Activity

; NUMBER OF SEQUENCES: 4

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Maurice M. Klee

; STREET: 1951 Burr Street

; CITY: Fairfield

; STATE: Connecticut

; COUNTRY: USA

; ZIP: 06430

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 5.25 inch, 360 Kb storage

; COMPUTER: IBM PC XT

; OPERATING SYSTEM: PC-DOS/MS-DOS 2.10

; SOFTWARE: Displaywrite 3

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/820,011A

; FILING DATE: 19920106

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Klee, Maurice M.

; REGISTRATION NUMBER: 30,399

; REFERENCE/DOCKET NUMBER: LB-101

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (203) 255 1400

; TELEFAX: (203) 254 1101

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1611

; TYPE: NUCLEIC ACID

; STRANDEDNESS: Double

; TOPOLOGY: Linear

; MOLECULE TYPE: cDNA to mRNA

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; POSITION IN GENOME:

Do

Tue Jan 2 15:20:36 2001

us-09-444

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33	26	1.6	5427	3	US-08-460-510-1	Sequence 1, Appli
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35	26	1.6	5427	5	US-08-462-728-3	Sequence 3, Appli
36	26	1.6	5427	6	PCT-US92-00730-1	Sequence 1, Appli
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c 38	25	1.6	25	4	US-08-859-998-1000	Sequence 1000, Ap
39	25	1.6	2505	1	US-08-391-615-1	Sequence 1, Appli
40	20	1.2	1491	4	US-09-006-675-1	Sequence 1, Appli
41	20	1.2	2647	6	PCT-US93-06251-77	Sequence 77, Appl
42	19	1.2	159	3	US-08-469-537A-15	Sequence 15, Appl
43	19	1.2	2463	1	US-08-339-578-1	Sequence 1, Appli
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45	18	1.1	1506	5	US-09-176-657-5	Sequence 5, Appli

ALIGNMENTS

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RESULT 1
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; Sequence 3, Application US/07820011A
; Patent No. 5336615
; GENERAL INFORMATION:
;   APPLICANT: Bell, Leonard
;   APPLICANT: Madri, Joseph A.
;   APPLICANT: Warren, Stephen L.
;   APPLICANT: Luthringer, Daniel J.
;   TITLE OF INVENTION: Genetically Engineered
;   TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
;   TITLE OF INVENTION: Migration
;   TITLE OF INVENTION: and Plasminogen Activator Activity
;   NUMBER OF SEQUENCES: 4
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Maurice M. Klee
;     STREET: 1951 Burr Street
;     CITY: Fairfield
;     STATE: Connecticut
;     COUNTRY: USA
;     ZIP: 06430
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: 5.25 inch, 360 Kb storage
;     COMPUTER: IBM PC XT
;     OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
;     SOFTWARE: Displaywrite 3
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/07/820,011A
;     FILING DATE: 19920106
;     CLASSIFICATION: 435
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Klee, Maurice M.
;     REGISTRATION NUMBER: 30,399
;     REFERENCE/DOCKET NUMBER: LB-101
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (203) 255 1400
;     TELEFAX: (203) 254 1101
;   INFORMATION FOR SEQ ID NO: 3:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 1611
;       TYPE: NUCLEIC ACID
;       STRANDEDNESS: Double
;       TOPOLOGY: Linear
;     MOLECULE TYPE: cDNA to mRNA
;     HYPOTHETICAL: No
;     ANTI-SENSE: No
;     ORIGINAL SOURCE:
;       ORGANISM: Homo sapien
;     POSITION IN GENOME:

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CHROMOSOME/SEGMENT: Chromosome 20
PUBLICATION INFORMATION:

AUTHORS: Anderson, Stephen K.
AUTHORS: Gibbs, Carol P.

AUTHORS: Tanaka, Akio
AUTHORS: Kung, Hsing-Jien

AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene:

TITLE: Nucleotide Sequence and Derived Amino
Acid Sequence of the Region Coding for

TITLE: the Carboxy-Terminal Two-Thirds of
pp60c-src

JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129

DATE: May, 1985
PUBLICATION INFORMATION:

AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.

AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.

AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.

TITLE: DNA Sequence Encoding the
Amino-Terminal Region of the Human c-src

TITLE: Protein: Implications of Sequence
Divergence among src-Type Kinase

TITLE: Oncogenes
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983

DATE: May, 1987
US-07-820-011a-3

Query Match 96.8%; Score 1560; DB 1; Length 1611;
Best Local Similarity 99.9%; Pred. NO. 0;

Matches 1610; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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us-09-444-711-

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us-09-444

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Run on: December 30, 2000, 07:48:21 ; Search time 62.09 seconds
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Scoring table: IDENTITY_NUC
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Shaded: 262060 seqs, 75620496 residues

Total number of hits satisfying chosen parameters: 524120

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_NA.*

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	1609.4	99.9	1611	6	PCT-US93-00445-3	Sequence 3, Appl1
3	1216.6	75.5	1602	1	US-07-820-011A-1	Sequence 1, Appl1
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5	710.2	44.1	4517	6	PCT-US93-06251-83	Sequence 83, Appl1
6	689.4	42.8	2647	6	PCT-US93-06251-77	Sequence 77, Appl1
7	539.8	33.5	1804	6	US-08-306-691B-40	Sequence 40, Appl1
8	539.8	33.5	1804	6	PCT-US93-06251-82	Sequence 82, Appl1
9	465.8	28.9	1491	4	US-09-006-675-1	Sequence 1, Appl1
10	346.2	21.5	1574	5	US-09-173-581-12	Sequence 12, Appl1
11	341.6	21.2	780	4	US-09-006-675-7	Sequence 7, Appl1
12	284	17.6	2770	6	PCT-US95-05008-5	Sequence 5, Appl1
13	284	17.6	7607	1	US-08-222-616-19	Sequence 19, Appl1
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15	252	15.6	271	2	US-08-306-691B-24	Sequence 24, Appl1
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17	249.6	15.5	3623	2	US-08-306-691B-35	Sequence 35, Appl1
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21	212.4	13.2	2000	6	PCT-US95-05008-1	Sequence 1, Appl1
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36	161	10.0	4097	1	US-08-162-809-11	Sequence 11, Appl1
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ALIGNMENTS

RESULT 1
US-07-820-011A-3
Sequence 3, Application US/07820011A
Patent No. 5336615
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madril, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Withinger, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
TITLE OF INVENTION: Migration
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb storage
COMPUTER: IBM PC XT
OPERATING SYSTEM: PC-DOS/MS-DOS 2.1.10
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/820, 011A
FILING DATE: 19920106
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: LB-101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1611
TYPE: NUCLEIC ACID
STRANDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapien
POSITION IN GENOME:

CHROMOSOME/SEGMENT: Chromosome 20
PUBLICATION INFORMATION:
AUTHORS: Anderson, Stephen K.
AUTHORS: Gibbs, Carol P.
AUTHORS: Tanaka, Akio
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene:
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Acid Sequence of the Region Coding for
TITLE: the Carboxy-Terminal Two-Thirds of
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Gibbs, Carol P.
AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence
TITLE: Divergence among src-Type Kinase
TITLE: Oncogenes
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983
DATE: May, 1987
US-07-820-011A-3

Query Match 99.9%; Score 1609.4; DB 1; Length 1611;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1610; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 421 GCGCCCTCGACTCCTCAACAGGCTGAGAGTGTATTTTTGCAAGATCACCAACAGGAG 480

QY 481 tcagacggcttactgtctcaatgcagagaacccgagagggacttcctgtcgagagaagt 540
DB 481 TCAGACGGCTTACTGTCTCAATGCAAGAACCCGAGAGGGAGCTTCTCTCGGCAAGAT 540
QY 541 gaggaccagaaagtgctactgtcctctcaatgtctgacttcgacaacggcaaggctc 600
DB 541 GAGGACCAAGAAAGTGCTACTGTCTCAATGCTGACTGCTGCAACAGCCAGAGGGCTC 600
QY 601 aacgtgaagcactacaagatccgcaagctgagacagcgagcggtcttcaatcactccgc 660
DB 601 AACGTGAAGCACTACAAAGATCCGCAAGCTGAGACAGGGGCGCTTCAATCACTCCGC 660
QY 661 acccaagtcaaacgctgtcagcagcgctgtgtgacctactaccacaacgcgcgtgctg 720
DB 661 ACCCAGTTCAAAGCTGTGAGAGCTGTGTGGCTACTACTCCAAACAGCGCATGGCTG 720
QY 721 tgcacacgctcaccacacgctgtgcccacagtcacaaacgcgacaaagcctgccaag 780
DB 721 TGCAACCGCTCACACACCGTGTGCCCCACAGTCCAAAGCCGACAGCTGAGGCTG 780
QY 781 gatgctggagatccctcggagagctcgtgagctgtgagtgcaagcttgagccagggctc 840
DB 781 GATGCTGGAGATCCCTCGGAGTGTGCTGGCTGAGAGTCAAGCTGGCGAGGGCTGC 840
QY 841 ttggagaggtgtgagtgaggaccttgaaacggtacacacagaggttgccatcaaacctg 900
DB 841 TTGGAGAGGTGTGAGTGGAGACCTGGAACGGTACACAGGGTGGCATCAAAACCTG 900
QY 901 aagcctgacagatgtctccagagagccttcctcaggaagcccaaggtlcalatgaagactg 960
DB 901 AAGCCTGACAGATGTCTCCAGAGGCTTCTCAGAGAGGCCCAAGGTCATGAAGAGCTG 960
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DB 961 AGGCATTGAAGAAGCTGTGATGTGATGCTGTGTTCAGAGAGGCCCATTTATCTGTC 1020
QY 1021 acggagatcatagcagaagggaggttgcgtgaccttctaaggaggagaaagcaagtac 1080
DB 1021 ACGGAGTACATGAGCAAGGGAGGTGCTGAGATTTCTCAAGGGGAGAGCAAGCAAGTAC 1080
QY 1081 ctgcgctgcctcagctgtgtgacatgctgtcagatcgccccagagcagtgagtgatg 1140
DB 1081 CTGCGCTGCCTCAGCTGTGTGACATGCTGTGCTCAATGCCCTCAGGCAAGCGGTAGTG 1140
QY 1141 gagcgtgataactcgtlccacgcgggaccttcgtgcagccaacatcctgtgtggagagac 1200
DB 1141 GAGCGTGATGAATGATGCTCACCGGGACCTTGTGCAACATCTGTGTGGAGAGAAC 1200
QY 1201 ctgtgtgtcaagtgccgacttgggtcgtgctcggtctatltgaagcaatgtgatacag 1260
DB 1201 CTGTGTGCAAGTGGCCGACTTGGGCTGTGCTGCTCATTAAGCAATGATGATACG 1260
QY 1261 ggcgcgcaaggtgcacaattcccacaaatggaagcgtcccaagaagtgtccctctatggc 1320
DB 1261 GCGCGCAAGGTGCCAATTCCCACAAATGGAAGACGGCTCCAGAAGTGGCTCTATGGC 1320
QY 1321 cgcttaccatcaagtgcgagcgtgtgtccttcgggatacctgtgactgagtcacaca 1380
DB 1321 CGCTTACCATCAAGTGGAGCGAGTGTGTGCTTGGGATCCTGTGATGAGCTCACACA 1380
QY 1381 aagggacgggtgtccctacaccttgagatgtaaacggagagtgcttgacaggttgagcgg 1440
DB 1381 AAGGGAAGGTGCTTACCTTGGAATGTGAACCGGAGGTGTGAGCAAGTGAACGG 1440
QY 1441 ggtaccagatgctccctgcgcgcgaggtgtcccgagttccctgcagacacatattgcca 1500
DB 1441 GGTACCAAGATGCTCCCTGC CGCGGAGTGTCCGAGTCCCTGCACGACATCATGTGCA 1500
QY 1501 tcttgccgaagagccttgagagcgccacacttcagatcactgtagcgtcttcctgag 1560
DB 1501 TCTTGCGGAAGAGCCTGAGAGCGGCCACCTTGAGATGCTGAGGCTTCTCTGAG 1560
QY 1561 gactacttcaatcagcagagcccccagttacagcccggtgagaaacctctag 1611

Db 1561 GACTACTGACGCTCCAGGAGCCGACGAGACGCGGAGGAGACCTGTAG 1611

RESULT 2
PCT-US93-00445-3
Sequence 3, Application PC/TUS9300445
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madril, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Luthringer, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 760 Kb storage
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00445
FILING DATE: 19930105
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/820,011
FILING DATE: 06-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: ALX-101PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1611
TYPE: NUCLEIC ACID
STRANDEDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapien
POSITION IN GENOME:
CHROMOSOME/SEGMENT: Chromosome 20
PUBLICATION INFORMATION:
AUTHORS: Anderson, Stephen K.
AUTHORS: Gibbs, Carol P.
AUTHORS: Tanaka, Akio
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene:
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Acid Sequence of the Region Coding for
TITLE: the Carboxy-Terminal Two-Thirds of
TITLE: pp60c-src
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.

AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence
TITLE: Divergence among src-Type Kinase
TITLE: Oncogenes
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983
DATE: May, 1987
PCT-US93-00445-3

Query Match 99.9%; Score 1609.4; DB 6; Length 1611;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1610; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY	61	gcgcgagacgtgcaacgcgctgcgggcgcttcccgcctgcgaagccccagcaag	120
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QY	121	ccagcttcgcgcaagcgccagcgcgcccgcgcgcttcgcccgcgcccgcgag	180
DB	121	CCAGCTTCGCGCAAGCGCCAGCGCGCCCGCGCGCTTCGCCCGCGCGCGCGAG	180
QY	181	cccaagctgttcgagagctcaacccctcgcagacgctcaacctcccgcgagggcgag	240
DB	181	CCCAAGCTGTTCGAGAGCTCAACCTCTCGAGACCGGTACCTCCCGGAGAGGGCGAG	240
QY	241	ccgctgcccgtgtagtgacaccccttctgcccctctatgactatgagctgagcgag	300
DB	241	CCGCTGCGCGGTGAGTGAGTACCACTTTGGCCCTATGACTATGAGTCTAGAGCGAG	300
QY	301	acagacctgtccttaagaaagggcgagcgctccagatgttaacaacacggagggagag	360
DB	301	ACAGACCTGTCTTAAAGAAAGCGAGCGGCTCCAGATTGTCAACAACACAGAGGAGAGC	360
QY	361	tgtgtgctggcccaactgcctcagcacagagcaaggtatatacccccgaactacgtg	420
DB	361	TGTGTGCTGSCCACTGCCTCGACACAGACAGACAGCTTACCTCCAGCAACTACGTG	420
QY	421	gcgcctccgaactcattccagagctgaggatggtatttggcaagatcaccaagcgagag	480
DB	421	GCGCCTCCGACTCATCCAGCTGAGAGTGTATTGGCAAGATCACCAAGACGAGAG	480
QY	481	tcagagcggttaactgctcaatgacagaaagccgaaagggaaactctcgtggaagaat	540
DB	481	TCAGAGCGGTACTCTCAATGACAGAACCCGAAAGGAGACCTTCTCTGAGAAAGT	540
QY	541	gagaccacgaagagtgctcaactgctctcaatggtgtgacttcgacaaagccaaaggctc	600
DB	541	GAGACCAAGAAAGTGCTCACTGCTCTCAATGTGTGACTTCGACAAACCCGATGGCTG	600
QY	601	aacgtgaagcactaagaatccgcaagctgtagcagcgcggtcttatacactccgcgcg	660
DB	601	AACGTGAAGCACTAAGATCCGCAAGCTGAGGAGGCGGCTTCTACATCACTCCGCG	660
QY	661	accagattcaacagctgcagagctgtgtgctctactccaacaacgcgatgtgctgt	720
DB	661	ACCCAGTTCAACAGCTGCAGAGCTGTGTGCTCTACTCTCAACACCCGATGGCTG	720
QY	721	tgcacgcgctaccacacgctgtgccccacgctcaagcgcgcaactacagagcgctgtgcaag	780
DB	721	TGCCACGCGCTACCAACGCTGTGTGCCCAAGCTCAAGCCGCAACTACAGGCGCTGCAAG	780

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Db 841 TTTGGCGAGGTGTGATGGGAGCTGGAACGGTACACAGGGGTGGCCATCAAAACCTTG 900
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Oy 961 aggcatagaagaacgtgtgagtgatgtatgtctgtgtgttcagagagagccattacatgctc 1020
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Db 1261 GCGCGGCAAGGTGCCAAATTTCCCATCAATGAGACGGCTCCAGAGCTGCGCTCTATGGC 1320
Oy 1321 cgcttcacatcaagtgtgagagtggtgtctcttccttcctgagatcctgtgtcagctcagctcaca 1380
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Db 1321 CGCTTCACCATCAAGTGTGAGCTGTGTCTCTCTCGGAGATCTGTGACTGAGCTGACACACAA 1380
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Db 1441 GGCTACCGGATGCTCTGCGCCGCGGAGTGTCCGAGTGTCCGAGTCCCTGACAGACTCATAGTCCAG 1500
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Db 1501 TGCTGGCGGAAGGAGCTGTGAGAGCGGCCACCTTCGATGACTGACGAGGCTTCTCTGAGAG 1560
Oy 1561 gactactcaagtcacacagcagccacacacacacacacacacacacacacacacacacacacac 1611
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Db 1561 GACTACTCAAGTCCACACGAGCCGCCAGTACAGACCCGGGAGAGAACTCTAG 1611

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RESULT 3
 US-07-820-011A-1
 Sequence 1, Application US/07820011A
 Patent No. 5336615

GENERAL INFORMATION:
 APPLICANT: Bell, Leonard
 APPLICANT: Madril, Joseph A.
 APPLICANT: Warren, Stephen L.
 APPLICANT: Luthringer, Daniel J.
 TITLE OF INVENTION: Genetically Engineered
 TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
 TITLE OF INVENTION: Migration
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Maurice M. Klee

```

? STREET: 1951 Burr Street
? CITY: Fairfield
? STATE: Connecticut
? COUNTRY: USA
? ZIP: 06430
? COMPUTER READABLE FORM:
? MEDIUM TYPE: 5.25 inch, 360 Kb storage
? OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
? SOFTWARE: Displaywrite 3
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/07/820,011A
? FILING DATE: 19920106
? CLASSIFICATION: 435
? ATTORNEY/AGENT INFORMATION:
? NAME: Klee, Maurice M.
? REGISTRATION NUMBER: 30,399
? REFERENCE/DOCKET NUMBER: 1B-101
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (203) 255 1400
? TELEFAX: (203) 254 1101
? INFORMATION FOR SEQ ID NO: 1:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1602 base pairs
? TYPE: NUCLEIC ACID
? STRANDEDNESS: Double
? TOPOLOGY: Linear
? MOLECULE TYPE: cDNA to mRNA
? HYPOTHETICAL: NO
? ANTI-SENSE: NO
? ORIGINAL SOURCE:
? ORGANISM: Gallus, gallus
? PUBLICATION INFORMATION:
? AUTHORS: Takeya, Tatsuo
? AUTHORS: Hanafusa, Hidesaburo
? TITLE: Structure and Sequence of the
? TITLE: Cellular Gene Homologous to the RSV src
? TITLE: Gene and the Mechanism for Generating the
? JOURNAL: Cell
? VOLUME: 32
? PAGES: 881-890
? DATE: March, 1983
? US-07-820-011A-1

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Query Match 75.5%; Score 1216.6; DB 1; Length 1602;
 Best Local Similarity 85.2%; Pred. No. 1,1e-238;
 Matches 13/3; Conservative 0; Mismatches 229; Indels 9; Gaps 1;

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Oy 1 atggtagaacaagaagcaccagaatgccaagcagcgccgcaagcctggagccc 60
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Db 1 ATGGGAGAGCAAGAGCAAGCCAGAGACCCAGCAGCGCGGCGAGACCTCGAGCA 60
Oy 61 gccgagaacgtgacgcgctgcgggcgcttcccgccctgcagaccacacagaag 120
    |||||||
Db 61 CCCGACAGCACCCACAC-----GGGGGATTCACGACCTCGCAGACCCCAACAG 111
Oy 121 ccagctcgccgagagcaccgcggcccgccgagcgccctgcccccgcgcccgag 180
    |||||||
Db 112 ACAGCAGCCCCGACAGCAGACCGCACCCACCGCTCTTGGAGCCGGGCGACCGAG 171
Oy 181 cccaagctgtcggaagcttcaactcctcggaacacgctacaccccgcaagagcgagc 240
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Db 172 CCCAAGCTTTGGGGGGCTTCAACACTTGTGACACCGGTACGTCGCGCAGCTGC 231
Oy 241 ccgctggccggtgagtgaccacacttgtggcctctatgactatgactagagcgag 300
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Db 232 GCACTGGCTGGCGGCTCACCACTTCTGCTCTCTAGACTACGACTGACGAGTCC 291
Oy 301 aagacacgtccttcaagaagaagcgagcgctcccgatgttaacaacaacgagagac 360
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Db 292 ACGGACTGTCTTCAAGAAAGAGAACCGCTGACGATTGTCAACACAGGAGGTGAC 351

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QY	361	tggtgctggtgcccactctgctctcaagacagagacagagagctcaactctcccaagcaactcgtg	420
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QY	421	gagccctccgaactcatccagagctgtgagagttglattttgcacaagatccacagacgagag	480
Db	412	gcgcctctcagactccatccatccagagctggaagagttggactttggaaagatcactcgtcgggag	471
QY	481	tcagaagcggttactctgctcaatgtcagagaaaccgagagagacctctcgttgcgagaaggt	540
Db	472	ttccagagcgctgctgtcgtctcaaccccggaamaacccccggggaaacttcttgggtccggggagac	531
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QY	601	aagctgaagacactcaagaatccgcaagctgtgaacgcgcgctctcaactcaactccctccgc	660
Db	592	aatgtgaagacactatcagatattccgaacctgacacggcgcttctatcatcactccacgc	651
QY	661	accacgttcaacagcctgtcagcagctgtgtgtgctactactccaacaacgcgcgagtgcctg	720
Db	652	acacagttcacacacctgcagacacactggtgctgctactactccaacatcgtatggccttg	711
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QY	841	tttgcgaggtgtgtgatalgtgggagacctgtgaagcgtacacacagaggtgtgccaaccaacctg	900
Db	832	tttgagagaggtctgagatggggagaccttggaagcgcacacagatggccatataaagctcgtg	891
QY	901	aagcctgtcagcagatgtctccaagagacctctctcgcagagagcccaagttcatgaagaactg	960
Db	892	aagcccgccgaacatgtcccgcgagggcttctctcagagaaagcccaatgtatgaaagaaacttc	951
QY	961	aggtatgagaaagctgtggtgaggtgtatgctgtgtgttccagagagagccatatactgtc	1020
Db	952	cggcatgtgaagcgtgtgtacgctgtatgacagctgtagctgtgcgaaagagcccatatcatcgttc	1011
QY	1021	accgagatacagagcaagggaggtttgtctgactttctcaaggggagacagcagaatc	1080
Db	1012	actgagtaacagacacagagggagacgacctcctctgatttcttaaggagaaatgtggcgaactac	1071
QY	1081	ctgcggtcctcactcagctgtgtgacatgtctgtcagatcgcctcaggcaatgtgcgtactgtg	1140
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QY	1141	gagcgtgataactctgtccacacggagacctctgtgcagccaacatcctgtgtggagagaac	1200
Db	1132	gagagagatgaactctgcgtccacacgagacctcggcgccgccaacatcctgtgtggggagAAC	1191
QY	1201	ctgtgtgtcaaaagtgtgcgcgcactttgggtcgtgtgcgcgtcaactgaagaacataaagtaacg	1260
Db	1192	cttgtgtgtcAAGgtgtgctgacttTTgggtcctg6cagcctctATcagagAACaagatgtACa	1251
QY	1261	gcgcgtgcaaggtgtgcaaatcccatcaatgaatgtgacggtctccagaagctgtccctctatgct	1320
Db	1252	gcacgcgcacaggtgtccaaagtcccatccatcaatgaatgtgacagcccccagagcagccctatgtgc	1311
QY	1321	cgcttccacatcaagtctgagcgtgtgtgtctctcgtggatctcctgtcgtcgtatgctaccaca	1380
Db	1312	cgggttaccacatcaagatgtggagatgtctgtgctccttgccgacatcctcgtgtgactgaactgacac	1371
QY	1381	aagggacgggtgtgctcctcctcctggtatgtgaacggagagttgtgtgacaaagtgtgacgg	1440
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Qy	1441	ggcaccagatgtccctcgcccgccgagatgtcccgagctccctgcagagactatgtgcag	1500
Db	1432	ggctaccgcatgctccctgcgcgcgcagctcccgatgcgcgcagctcagactatgtgcag	1491
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Db	1492	tgcctgcggagagagaccttgagagagcgccacctttttgatatccttcagagccttcgtgag	1551
Oy	1561	gaactacttcacgtccacacgagccccagtatcacgcccgcggagagaaacctgag	1611
Db	1552	gacactcttcaccttcgacacagccccacgtacacagccttcgagagaaacctcttag	1602

RESULT 4
 PCT-US93-00445-1
 Sequence 1, Application PC/TUS9300445
 GENERAL INFORMATION:
 APPLICANT: Bell, Leonard
 APPLICANT: Madri, Joseph A.
 APPLICANT: Warren, Stephen L.
 APPLICANT: Luthringer, Daniel J.
 TITLE OF INVENTION: Genetically Engineered
 TITLE OF INVENTION: Endothelial Cells
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Maurice M. Klee
 STREET: 1951 Burr Street
 CITY: Fairfield
 STATE: Connecticut
 COUNTRY: USA
 ZIP: 06430
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 760 Kb storage
 COMPUTER: Dell 486/50
 OPERATING SYSTEM: DOS 5.0
 SOFTWARE: Displaywrite 3
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/00445
 FILING DATE: 19930105
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/820,011
 FILING DATE: 06-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Klee, Maurice M.
 REGISTRATION NUMBER: 30,399
 REFERENCE/DOCKET NUMBER: AIX-101PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (203) 255 1400
 TELEFAX: (203) 254 1101
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1602 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: Double
 TOPOLOGY: Linear
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Gallus, gallus
 PUBLICATION INFORMATION:
 AUTHORS: Takeya, Tatsuo
 AUTHORS: Hanafusa, Hidesaburo
 TITLE: Structure and Sequence of the
 TITLE: Cellular Gene Homologous to the RSV src
 TITLE: Gene and the Mechanism for Generating the
 JOURNAL: Cell
 VOLUME: 32
 PAGES: 881-890
 DATE: March, 1983
 PCT-US93-00445-1

Query Match 75.5%; Score 1216.6; DB 6; Length 1602;
 Best Local Similarity 85.2%; Pred. No. 1.1e-238;
 Matches 1373; Conservative 0; Mismatches 229; Indels 9; Gaps 1;

QY 1 atgggttagcaacaagaagcaagcccaagatgcccagccagcgcgccgcaagccttgagccc 60
 DB 1 ATGGGTAGCAACAAGAAGCAAGCCCAAGACCCAGCCAGCGCGCGCGCTTGAGCCA 60
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 QY 121 ccagcctcg 180
 DB 112 ACAGCAGCGCCCGAGACCGACCGACCGCCAGCCCGCTCTTGAGACCGTGGCACCGAG 171
 QY 181 cccaagctgttcgagaggttcaactcctcgagacacgctaccccgcaagagcgcgcgcg 240
 DB 172 CCCAAGCTCTTGGGGGCTTCAACACTTCTGACACCGTTACGTGCGCGCAGCGCGG 231
 QY 241 ccgctgacgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag 300
 DB 232 GCACTGGCTGGCGGCGTCAACACTTCTGCTCTCTACGACTAGAGTCCCGGACTGAA 291
 QY 301 acagacgtgtcctcaagaagaagcgagcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcg 360
 DB 292 ACGGACTTGTCTTCAAGAAAGAGAGACCGCTGAGATTGTCAACACCGAGAGTGAC 351
 QY 361 tgggtgctgagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 420
 DB 352 TGGTGGCTGGCTATTCCTCACTACAGAGACGAGCGGCTACATCCCGATACATATGTC 411
 QY 421 ggcgcctcgagctcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcag 480
 DB 412 GCGCCCTCAGACTCCATCAGGCTGAGAGTGTGACTTGGGAAATCACTGTGGGAG 471
 QY 481 tcagagcggttactgactaagcagcagcagcagcagcagcagcagcagcagcagcagcagc 540
 DB 472 TCCAGCGCGCTGCTGCTCAACCGCGGAAACCGCGGGAACCTTCTGTGCGGGAGAC 531
 QY 541 gagaacacgaaggtgctactgctcctcagtgctgactcagcagcagcagcagcagcagc 600
 DB 532 GAGACGACAAAGGCTATTTGCTTCGTTTGAATTGACACCGCAAGGGGCTC 591
 QY 601 aagctgaagcctacagatccgcaagctgagcagcgcgcgcttaccaccccgcgcgcg 660
 DB 592 AATGTGAAGCACTACAAATCCGCAAGCTGAGACCGCGGCTTCTACATCACTCACGC 651
 QY 651 acccaagttcaacagcctcagcagcagcagcagcagcagcagcagcagcagcagcagcag 720
 DB 652 ACACAGTTCACAGCGCTCAGAGCTGGGGCTTACTACTCAACATCTAATGGCTTG 711
 QY 721 tgcacacgctcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 780
 DB 712 TGCACACGCGCTGACCAAGCTGCGCCCAAGCTCCAGCCCAAGCCAGGAGACTCGCAG 771
 QY 781 gatcctgagagatccctcgagagctcgctgagcgtgagagtcagctgagcagcgcgcg 840
 DB 772 GACCGGTGGGAAATCCCGCGGAGTTCGCTGCGCTGAGAGTGAAGCTGGGAGCGGCTC 831
 QY 841 tttggcgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag 900
 DB 832 TTTGGAGAGTCTGGATGGGAGCTGGAGACGGCACCAAGAGTGGCCCTAAGAGACTG 891
 QY 901 aagcctgacagatgtcccaagcgcttcctcgagagcgcccaagtgacagagcagcagc 960
 DB 892 AAGCCCGGCAACATCTCCCGGAGGCTTCTGCTGAGAGGCCCAAGTATGAAGAGCTC 951
 QY 961 aggcagagagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1020
 DB 952 CGGCATGAGAGCTGTACGCTGACGCTACGCAAGTGTGTGGAAGAGCCCATCTACATGTC 1011

QY 1021 acgagatcatagcaagggaggttgcctgagcttctcaaggggagcaagcagcagcagc 1080
 DB 1012 ACTGAGTACATAGAGAGGAGCGCTGCTGATTTCTTAAGGAGAGATGGCAGTAGT 1071
 QY 1081 ctgagcctgagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1140
 DB 1072 CTGCGGCTGCGCACACTCTGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1131
 QY 1141 gaggagatgaactagctcagcagcagcagcagcagcagcagcagcagcagcagcagcag 1200
 DB 1132 GAGAGGATGAATAGCTGACCGAGACTGCGGCGCCCAACATCTGCTGGGGAGAAC 1191
 QY 1201 ctgctgtgcaaggtgagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1260
 DB 1192 CTGAGTGAAGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1251
 QY 1261 gcgagcagagtgccaaatcccatcaagtgagcagcagcagcagcagcagcagcagc 1320
 DB 1252 GCAGGCAAGGTGCCAAGTTCCTCCATCAAGTGAGACAGCCCGAGGACGCTCTATGCG 1311
 QY 1321 cgttcacacaaagtgagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1380
 DB 1312 CGCTTACCATCAAGTGGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1371
 QY 1381 aaggagcagtgccctacacccctgagtgatgagcagcagcagcagcagcagcagcagc 1440
 DB 1372 AAGGCGCGGCTGCATACCGAGAGTGTGCAACAGGAGAGTGTGCAACAGAGTGTGCA 1431
 QY 1441 ggtacacagatgctcctgagcagcagcagcagcagcagcagcagcagcagcagcagc 1500
 DB 1432 GCTACCGCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1491
 QY 1501 tctgtgaggaagagcagcagcagcagcagcagcagcagcagcagcagcagcagcag 1560
 DB 1492 TCGTGGCGGAGGACCTTAGAGCGCGCCACTTGTGAGTCACTGAGCGCTTCTGAG 1551
 QY 1561 gactactcaagtcacacagcagcagcagcagcagcagcagcagcagcagcagcagc 1611
 DB 1552 GACTACTTACCTTCAGACAGGCGCCAGTACAGCCCTGAGAGAGAACTATAG 1602

RESULT 5
 PCT-US93-06251-83
 Sequence 83, Application PC/TUS9306251
 GENERAL INFORMATION:
 APPLICANT: Wickstrom, Eric and Rife, Jason P.
 TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
 NUMBER OF SEQUENCES: 93
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
 STREET: 400 Garden City Plaza
 CITY: Garden City
 STATE: NY
 COUNTRY: USA
 ZIP: 11530
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/06251
 FILING DATE: 19930630
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Digilio, Frank S.
 REGISTRATION NUMBER: 31,346
 REFERENCE/DOCKET NUMBER: 8586
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 516-742-4343
 TELEFAX: 516-742-4366

TELEX: 230 901 SANS UR
 INFORMATION FOR SEQ ID NO: 83:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4517 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 PCT-US93-06251-83

Query Match 44.1%; Score 710.2; DB 6; Length 4517;
 Best Local Similarity 70.1%; Pred. No. 6.8e-136;
 Matches 955; Conservative 0; Mismatches 408; Indels 0; Gaps 0;

QY 248 ccggtgagtgaccaccttctgtgcccctctactactagctgtagagcagagacac 307
 D 476 CAGGTGGTGTACTATATTTTGCCCTTATATGATTTGAGAGCTAGAACTACAGAAAC 535
 QY 308 tctcttcaagaagcgagcggtccagatctcaacaacggaggagactgtgtgc 367
 D 536 TTTCAATTAGAGAGGTGAAGATTTCAATTAATTAACATACGAGAGATGTGGG 595
 QY 368 tggccactcgtcagacagagacagagcgtacacccccagacactacgtgtgcct 427
 D 596 AAGCAAGATCAATCGCTACAGGAAGATGTATATCCGAGCAATTAATGTACCGCTG 655
 QY 428 ccgagccatccagctgtagagtgatcttgcaagatcacacagcggagtcagagc 487
 D 656 CAGATTCATTCAGGAGAAAGATTTTGGCAAAATGGGAGAAAGATCTGAAA 715
 QY 488 ggtactgctcaatgagagaaacccgagagaccttcctcgtctcgaagaagttagaca 547
 D 716 GATTACTTTTGAATCCTGGAATCAACAGAGTATTTCTTAGTAAGAGAGAGAAA 775
 QY 548 cgaaggtgctactgctcctcagtgctgactcgaacgcgaaggcctcaagctga 607
 D 776 CTAAAGGTGCTATTCCTTTCTATTGATGGAGATGAATGAAGGCTGACAAATGTA 835
 QY 608 agcactacaagatccgcaagctgtagacggcggtctctacatacctccgacccagt 667
 D 836 AACACTACAAAATTAAGAACTTGACATGTGATCTATATACAAACCAAGACACAT 895
 QY 668 tcaacgagcctgagcagctgtgtgcccactcaacaacgcgcgaagcgtgtgcaccc 727
 D 896 TGTATCTCTGCGAATAATGTGAAAACATACAGAAACATGCTGATGTTATGCCACA 955
 QY 728 gctcaccacagctgtgcccacagctcaagcgcagactcagggcctgtgccaagatgct 787
 D 956 AGTTGACAACTGTGTGCAACTGTGAACCTCAGACTCAAGTCTAGCAAAAAGATGCT 1015
 QY 788 gggagatccctgggagctgctggtgagtgcaagctgtggccagggcgtcttggtg 847
 D 1016 GGGAAATCCCTCAGAACTTTTGGAGTAGAGGTTAACTAGAACAGGATGTTGGCG 1075
 QY 848 aggtgagatgggagcctgtagacggtatccacacaggtgtgcccataaaacccctgaagc 907
 D 1076 AAGTGTGAGTGGAACTGTGAATGGAACCAAGAAAGTACCAATTAATAAACACAG 1135
 QY 908 gcaagatgtctcagagccttctcagagagccaggtacgaagaagctgtgagcatg 967
 D 1136 GTACATATGATGACAGAGCTTTCTTCAAGAGCTCAGATATGAAAAAATTAAGACATG 1195
 QY 968 agaaagctgtgagcgtgtatgctgtgttcaagggagggccattactcgtcagcgt 1027
 D 1196 ATAAACTGTTCACCTATATAGCTGTGTTCTGAAGAACCAATTAATTCACATGAT 1255
 QY 1028 acatgagcagggagagtgctgtagcttctcaggggggagagcagcagcgtgcgc 1087
 D 1256 TTATGTCAAAAGAAAGCTTATTAATTTCTTAAGGAAGGAGATGGAAGATTTGAAGC 1315
 QY 1088 tgcctcagctgtgtgagatgctgtcagatcgctcagcagcatgtgagtcgagcga 1147

DB 1316 TTCCACAGCTGTTGATATGCTGCTCAGATGCTGATGATGATATGGAAGAA 1375
 QY 1148 tgaactacgtccacgggaccttcgtgcagcccaacatccgtgtggagagactgtgtc 1207
 DB 1376 TGAATATATTCACCGAGATCTTCGGCTCTATAATTTCTTGTGTGAGGAAATCTTGTG 1435
 QY 1208 gcaaatgtggcggacttgggtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1267
 DB 1436 GCAAAATAGCAGACTTGTGTTAGCAAGTAAATTAATGAAGCAATGATACACAGACAG 1495
 QY 1268 aaggtgccaattccccaatgaatgtagcagcgtccagaagctgtccctatgtgcgcttca 1327
 DB 1496 AAGTGCAAAATTTCCATCAATGAAGACAGCTCTGAAAGCTGAGATGATGATGATGAT 1555
 QY 1328 ccatcaagtcgagcgt 1387
 DB 1556 CAATTAAGTGTGATGTCTGATTTGAAATTCGCAAAACGAACTAGTAACAAAGGCGC 1615
 QY 1388 ggtgtccctacccctggatgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1447
 DB 1616 GAGTGCATATCCAGTATGTTGTAACCGTGAAGTACTAGAACAGTGAAGGAGATACA 1575
 QY 1448 ggaatgcccgcgcgcgaggtgtcccgagtcctcgaacactcatgtccagtgctgc 1507
 DB 1676 GATGCGCGTCCCTCAGGCGCTGTCCAGATCCCTCATGATGATGATGATGATGATGAT 1735
 QY 1508 ggaagagcctgagagagcgccacacttcgagtagctcgtcagagccttcctgagagact 1567
 DB 1736 AGAAGAACCCGTAGGAAGAACCAATTTGAATATATCACTCTTCTTGAAGACTACT 1795
 QY 1568 tcaactccagagcccaagtaaccagcccggtggagacactta 1610
 DB 1796 TCACTGCTACAGACCAAGTACAGACGACGAGGAGAAATTTATA 1838

RESULT 6
 PCT-US93-06251-77
 ; Sequence 77, Application PC/TUS9306251
 ; GENERAL INFORMATION:
 ; APPLICANT: Wickstrom, Eric and Rife, Jason P.
 ; TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
 ; NUMBER OF SEQUENCES: 93
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
 ; STREET: 400 Garden City Plaza
 ; CITY: Garden City
 ; STATE: NY
 ; COUNTRY: USA
 ; ZIP: 11530
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US93/06251
 ; FILING DATE: 19930630
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Digililo, Frank S.
 ; REGISTRATION NUMBER: 31,346
 ; REFERENCE/DOCKET NUMBER: 8586
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 516-742-4343
 ; TELEFAX: 516-742-4366
 ; TELEX: 230 901 SANS UR
 ; INFORMATION FOR SEQ ID NO: 77:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2647 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-77

Query Match 42.8%; Score 689.4; DB 6; Length 2647;
Best Local Similarity 69.6%; Pred. No. 1e-131;
Matches 952; Conservative 0; Mismatches 406; Indels 9; Gaps 1;

QY 253 ggaagaccacattgtgagccctctatgactatgactagacgagacagacactgtcc 312
DB 826 ggaagaccacattgtgagccctctatgactatgactagacgagacagacactgtcc 885
QY 313 ttcaagaagcgagcgagctccagatttcaacaacgagagagagactgtgtgtgtgc 372
DB 886 ttcaagaagcgagcgagctccagatttcaacaacgagagagagactgtgtgtgtgc 945
QY 373 cactgcctcagacagacagacagacagacacacacacacacacacacacacacac 432
DB 946 cactgcctcagacagacagacagacagacacacacacacacacacacacacacac 1005
QY 433 tccatcagagctgag 492
DB 1006 tccatcagagctgag 1065
QY 493 ctgtcctcagacagacagacagacagacacacacacacacacacacacacacac 552
DB 1066 ctgtcctcagacagacagacagacagacacacacacacacacacacacacacac 1125
QY 553 ggtgcctcagacagacagacagacagacacacacacacacacacacacacacac 612
DB 1126 ggtgcctcagacagacagacagacagacacacacacacacacacacacacacac 1185
QY 613 tacaagaatccgcaagctgagacagcgagcttctacacacacacacacacacac 672
DB 1186 tacaagaatccgcaagctgagacagcgagcttctacacacacacacacacacac 1245
QY 673 agactgagacagctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 732
DB 1246 agactgagacagctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1305
QY 733 accacgctgt 783
DB 1306 accacgctgt 1365
QY 784 gctcgtgagac 843
DB 1366 gctcgtgagac 1425
QY 844 ggcgagagctgt 903
DB 1426 ggcgagagctgt 1485
QY 904 cctgcgagacagctgt 963
DB 1486 cctgcgagacagctgt 1545
QY 964 catgagaagctgt 1023
DB 1546 catgagaagctgt 1605
QY 1024 gagtacaatgagacagagagagagagagagagagagagagagagagagagag 1083
DB 1606 gagtacaatgagacagagagagagagagagagagagagagagagagagagag 1665
QY 1084 cggcgtcctcagacagacagacagacagacacacacacacacacacacacac 1143
DB 1666 cggcgtcctcagacagacagacagacagacacacacacacacacacacacac 1725
QY 1144 cggatgacacagctgt 1203
DB 1726 cggatgacacagctgt 1785
QY 1204 ggtgtgcaagctgt 1263

DB 1786 ATATCAAGATTGCTGACTTCGATTGGCCGATTGATGAGACATGATGACACAGCA 1845
QY 1264 cggcagagctgt 1323
DB 1846 ATCAAGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1905
QY 1324 ttcaacaatgacacagctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1383
DB 1906 ttcaacaatgacacagctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1965
QY 1384 ggaagagctgt 1443
DB 1966 ggaagagctgt 2025
QY 1444 tacggatgctgt 1503
DB 2026 tacggatgctgt 2085
QY 1504 tggcgaagagctgt 1563
DB 2086 tggcgaagagctgt 2145
QY 1564 tacttaccgtccacagagctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1610
DB 2146 tacttaccgtccacagagctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 2192

RESULT 7

US-08-306-691B-40
Sequence 40, Application US/08306691B

Patent No. 5734039

GENERAL INFORMATION:

APPLICANT: Skorski, Bruno

TITLE OF INVENTION: ANTISENSE

TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES

NUMBER OF SEQUENCES: 55

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seidel, Gonda, Lavorgna & Monaco, P. C.

STREET: Two Penn Center, Suite 1800

CITY: Philadelphia

STATE: Pennsylvania

COUNTRY: U.S.A.

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 720 KB

COMPUTER: IBM PS/2

OPERATING SYSTEM: MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/306,691B

FILING DATE: September 15, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A.

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-8

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

TELEX: No. 5734039e

INFORMATION FOR SEQ ID NO: 40:

SEQUENCE CHARACTERISTICS:

LENGTH: 1804 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

US-08-306-691B-40

Query Match 33.5%; Score 539.8; DB 2; Length 1804;
 Best Local Similarity 68.8%; Pred. No. 2.1e-101;
 Matches 742; Conservative 0; Mismatches 337; Indels 0; Gaps 0;

532 cgaagaagtgagagccgaaaggtgctactgctcagtgctgactcgaagaagcc 591
 707 CGAGAGAGGGAAGTAAAGGCTTATTCCTCTCTATTCGATTTGGATGAGTA 766
 592 aagggctcaagctgaagcactaagatccgaagctggcagcgctcctacatc 651
 767 AGGGGTGACAAATGTGAACACCAAAATTAAGAACTTGACATGATGATATATC 826
 652 accctccgacccagctcaacagctgacagctggtgctactactcacaacgccc 711
 827 ACNACCAGAGAACACTGTGACTCTGCAAAATTTGGCAAACTACACAGAACGCT 886
 712 gatggcctgtgacacggcccaacgctgtgcccacgctccaaagccgagactcagggc 771
 887 GATGATTATGACCAAGTTAACAACTGTGTGCTCAACTGTGAACCTCAGATTCAAGT 946
 772 ctggccaagagctcctggagatccctcggagctgctgagctgagctcagctgagc 831
 947 CTAGCAAAAGATCTTGGAATCCCTTGATTAATCTTGCGACTAGAGTTAACTAGCA 1006
 832 cagggctgcttgagcaggtgtgagtgagagctgaaacggtacacacaggtggccatc 891
 1007 CAAGGATGTTTGGCAAAAGTGGATGGAAATGAAATGGAACCAAAAGTATGCAATC 1066
 892 aaaaacctgaagctggcagatgctccagagggcctcctgcagggggccagctatg 951
 1067 AAAACACTAAACACAGGTAAATGATGTCAGAACCTTTCTTCAAGAACCTCAGATATG 1126
 952 aagaagctgagagatgaagagctgctgagctgctgctgctgctgctgagagccatc 1011
 1127 AAAAAATAAGATGTTAACTGTTCCACTATATGCTGTGTTTGAAGAACCAATT 1186
 1012 tacatcgtcagagatcagatgagagagggagttgctgagcttctcacaaggggagaca 1071
 1187 TACATGTCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1246
 1072 ggaagatcagctgagctgctcagctgctgctgctgctgctgctgctgctgctgctg 1131
 1247 GGAAGATTTGGAAGCTTCCCAAAATGTTGATGCTGCTCAGATGCTGATGATGATG 1306
 1132 ggcgaagtgagagggagagatcagctcagcagggactcgtgagcgaacaactcgtg 1191
 1307 GCATATATTAAGAAATGAACTATATTCACCGAGATCTCTGGCTGCTAATATCTTGTA 1366
 1192 gggagagactggtgtgcaagtgccgaacttggtgctgctgctgctcactgaagacat 1251
 1367 GGAAGAAATTTCTGTCGCAAAATAGCAGATTTTGTTTGAAGTTAATGAAGCAAT 1426
 1252 ggaatcacggcggcagagctgccaatctcccaatcaagtgagcggctcgaagctgccc 1311
 1427 GAATACACATCAAGACAGAGTGAGAAATTTCCATCAATGAGACGCTCGAAGTTGCA 1486
 1312 cttatagccgcttaccatcaagtcggaagtggtgctcctcgagatcctgctgactgag 1371
 1487 CTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1546
 1372 ctacacccaagagagaggggctcactacccctgagtggtgagacccgagagtgctgagcag 1431
 1547 CTGATACCAAGGGCAGAGTCCATATCCAGGATGAGTGAACCATGAATATCTGGAACAG 1606
 1432 gttgagaggggctacagagctccctgagcaggtgtgctcagagctccctcagacatc 1491
 1607 GTGGAGGAGAGATACAGATCCCTGCTCAGGCTGTCCAGATCCCTCATTAATG 1666
 1492 atgtgcagtgctgagcagagagagctgagagagcagccactcagagtaactcagagcc 1551
 1667 ATGAATCTGTGTTGGAAGAGACCCCTGATGAAGAACCAATTTGATATGTTCACTGC 1726

1552 ttctggaggactactacagctcaccgagcccgagccagccgggagaaactcta 1610
 1727 TTCTGGGAGACTACTCTTCACTGCTACAGAGCCATAGTACCA3CCAGAGAAACTTCTA 1785

RESULT 8

PCT-US93-06251-82

Sequence 82: Application PC/TUS9306251

GENERAL INFORMATION:

APPLICANT: Wickstrom, Eric and Rife, Jason P.

TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing

NUMBER OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates

NUMBER OF SEQUENCES: 93

CORRESPONDENCE ADDRESS:

ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: NY

COUNTRY: USA

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/06251

FILING DATE: 19930630

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: DiGiulio, Frank S.

REGISTRATION NUMBER: 31,346

REFERENCE/DOCKET NUMBER: 8586

TELECOMMUNICATION INFORMATION:

TELEPHONE: 516-742-4343

TELEFAX: 516-742-4366

TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 82:

SEQUENCE CHARACTERISTICS:

LENGTH: 1804 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

PCT-US93-06251-82

Query Match 33.5%; Score 539.8; DB 6; Length 1804;

Best Local Similarity 68.8%; Pred. No. 2.1e-101;

Matches 742; Conservative 0; Mismatches 337; Indels 0; Gaps 0;

532 cgaagaagtgagagccgaaaggtgctactgctcagtgctgactcgaagaagcc 591
 707 CGAGAGAGGGAAGTAAAGGCTTATTCCTCTCTATTCGATTTGGATGAGTA 766
 592 aagggctcaagctgaagcactaagatccgaagctggcagcgctcctacatc 651
 767 AGGGGTGACAAATGTGAACACCAAAATTAAGAACTTGACATGATGATATATC 826
 652 accctccgacccagctcaacagctgacagctggtgctactactcacaacgccc 711
 827 ACNACCAGAGAACACTGTGACTCTGCAAAATTTGGCAAACTACACAGAACGCT 886
 712 gatggcctgtgacacggcccaacgctgtgcccacgctccaaagccgagactcagggc 771
 887 GATGATTATGACCAAGTTAACAACTGTGTGCTCAACTGTGAACCTCAGATTCAAGT 946
 772 ctggccaagagctcctggagatccctcggagctgctgagctgagctcagctgagc 831
 947 CTAGCAAAAGATCTTGGAATCCCTTGATTAATCTTGCGACTAGAGTTAACTAGCA 1006
 832 cagggctgcttgagcaggtgtgagtgagagctgaaacggtacacacaggtggccatc 891

Db 1007 CAAGATCTTTTGGCAAGTGTGATGGATATGTGATGCAACCAAAAGTAGCAATC 1066
 QY 892 aaaccctgaagcctgacagatgtctccagagccctccctgacagagcccaagctcag 951
 Db 1067 AAAACACTAAACACAGATGATGATGATGATGATGATGATGATGATGATGATGATG 1126
 QY 952 aagaagcctgaagcctgaagcctgacagatgtctccagagccctccctgacagagcc 1011
 Db 1127 AAAAATAAGACATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1186
 QY 1012 tacatcgcacagagatgacatgacagagagctgacagatgtctccagagcccaagctc 1071
 Db 1187 TACATGTCACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1246
 QY 1072 ggaagcctgacagcctgacagatgtctccagagccctccctgacagagcccaagctc 1131
 Db 1247 GGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1306
 QY 1132 ggcatacgtgagcagatgacatgacagcagcagcagcagcagcagcagcagcagc 1191
 Db 1307 GCATATATTAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1366
 C 1192 ggaagcctgacagcctgacagatgtctccagagccctccctgacagagcccaagctc 1251
 Db 1367 GGAGAAATCTTCTGTGCAAAATGATGATGATGATGATGATGATGATGATGATGATG 1426
 QY 1252 ggaagcctgacagcctgacagatgtctccagagccctccctgacagagcccaagctc 1311
 Db 1427 GAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1486
 QY 1312 ctctatgacagcctgacagatgtctccagagccctccctgacagagcccaagctc 1371
 Db 1487 CTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1546
 QY 1372 ctccacacagagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1431
 Db 1547 CTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1606
 QY 1432 gtcgagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1491
 Db 1607 GTGAGGAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1666
 QY 1492 atgtgcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1551
 Db 1667 ATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1726
 QY 1552 ttctcgtgagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 1610
 Db 1727 TTCTTGGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1785
 Rb 1 9
 US-09-006-675-1
 : Sequence 1, Application US/0900675
 : Patent No. 5852213
 : GENERAL INFORMATION:
 : APPLICANT: Hemmati-Briyaniou, Ali
 : APPLICANT: Weinstein, Daniel C.
 : TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
 : TITLE OF INVENTION: USE THEREOF
 : NUMBER OF SEQUENCES: 12
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Klauber & Jackson
 : STREET: 411 Hackensack Avenue, 4th Floor
 : CITY: Hackensack
 : STATE: New Jersey
 : COUNTRY: USA
 : ZIP: 07601
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.30

: CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/09/006,675
 : FILING DATE: 13-JAN-1998
 : CLASSIFICATION:
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Jackson Esq., David A.
 : REGISTRATION NUMBER: 26,742
 : REFERENCE/DOCKET NUMBER: 600-1-217
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 201-487-5800
 : TELEFAX: 201-343-1684
 : TELEX: 133521
 : INFORMATION FOR SEQ ID NO: 1:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 1491 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: double
 : TOPOLOGY: linear
 : MOLECULE TYPE: cDNA
 : HYPOTHEICAL: NO
 : FEATURE:
 : NAME/KEY: CDS
 : LOCATION: 1..1491
 : US-09-006-675-1
 :
 : Query Match 28.9%; Score 465.8; DB 4; Length 1491;
 : Best Local Similarity 61.6%; Pred. No. 2.1e-86;
 : Matches 822; Conservative 0; Mismatches 492; Indels 21; Gaps 4;

QY 264 ctttggccctctatgactatgagctcagagcagcagcagcagcagcagcagcagcagc 323
 Db 165 CCGTCGGGCTTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 224
 QY 324 cgaagcctcagagatgttaacacacagcagcagcagcagcagcagcagcagcagcagc 383
 Db 225 GAGACATCTCC---TCTTAAGAAAGATGATGATGATGATGATGATGATGATGATGATG 281
 QY 384 cacaagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 443
 Db 282 CACTGTGAGAAAGGCTTTGTGTCAGTATGATGATGATGATGATGATGATGATGATGATG 341
 QY 444 tgaagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 503
 Db 342 TGAAGAGTGTACTTTAAAGCATGAGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 401
 QY 504 agagaacccagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 563
 Db 402 TGTTAATTAAGTGGGGCTTTCTATGATCCGAGACATGATGATGATGATGATGATGATG 461
 QY 564 ccttcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 623
 Db 462 CCGTCTGTGCGAGACT-----CAGGGAGACACTGTGAATACATTAACAAATTCG 509
 QY 624 caagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 683
 Db 510 CACACTCGATGATGAGGAGGCTTTCTTCACTTTCACAGCATGATGATGATGATGATGATG 569
 QY 684 gctcgtgagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 743
 Db 570 GCTGTACGCTATTAACAGGATGATGATGATGATGATGATGATGATGATGATGATGATG 629
 QY 744 ccccaagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 803
 Db 630 CCAAACTGTGCGTCCAGAGAAACCATG---GGAAGAGATGCTGGAGATCCCGCCGA 686
 QY 804 gtcgctgagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 863
 Db 687 GTCACTGTACTGACAGAAAGATGATGATGATGATGATGATGATGATGATGATGATGATG 746
 QY 864 ctggaacgctacacacagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 923
 Db 747 GTCAATGACACACAAAGTACTGTTAAACATGAAAGCCAGGACGATGTCGCCCGG 806

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QY 924 ggccttcctgcagagggcccaggtcctgaagaagctgaggtcagatgagagctggtgcagtt 983
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Db 807 TGCCCTTCCTTGAAGAGGCAAAATCTGATGAAGAGCTTCGACACATGACCGGCTGGTGCCTT 866
QY 984 gtatgc---tgtgtgttcacagagagagcccattcattcgttaagagagtaactgtgcaagg 1040
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Db 867 GCATCCCGGTGTGACACACAGGGGGGAACCAATATATATATATATATATATATATATATATCA 926
QY 1041 gagttgtcgcagcttcctcctaaggaggagagacaggtcaagtacctcgcgtgtgcctcagctgt 1100
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 927 CAGTTTGTCTGGATTTCCTGAAAAGTGAAGAGGTAGGACCAACCTTGATTTCACTCAT 986
QY 1101 ggcacatgctgtcagatcagctcgcctcaggtcagctcgtgtgagacgagctgaactcgtcctca 1160
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 987 TGACCTTCCTTGCCACAGATTGCAAGAAAGATGCTGTTATTATGAGAAAGATATATATATCA 1046
QY 1151 ccggagacctcgtgtcagcaacaacacctgtgtgagagagacctgtgtgcagagtgtgcga 1220
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1047 CCGTATCTGAGAGGCGACCAAACTGCTGTATCAGAAACTTGTGTGCAAAAATGACGA 1106
QY 1221 ctttgagctgcgtgcgtcattatgaagacaatgtagacggcgcggaaggtgtgccaatt 1280
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1107 CTTTGGGCTGGCCCGAGTATATAGGACACGAGTATACTGCCAGGGAAGGTACCAAAATT 1166
QY 1281 ccccatcaagtgcagcgcccccagaagctgtccctcattatgctgcgtctccatcaatgcga 1340
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Db 1167 TCCCATCAAGTGTGACATCCCTGAGGCTGCCAATATAGGCTCTTTTACTATCAAGTACGA 1226
QY 1341 cgtgtgtcttcctgcagatccctcgtcgtatgagctcaccacaagagagcggtgtccctacc 1400
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1227 TGTATGTGTCATTTGGTGATTTGCTTACTGAATAATATACATATGAGGAGGACTCCATATACC 1286
QY 1401 tgggattgtggaacgcggaagtgtgtgtaacccaggtgtgagcggtgtcaccggtatgacctgcc 1460
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1287 AAGTATGTCCAACTCGGAGGTAATTAACAGCCCTTGAGCGGTGTTATGCAATGCCGTGTCC 1346
QY 1461 gccgaggtatcccgagctccctgcagcagccctcattatgctgcaggtgcggaagagctga 1520
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Db 1347 CAGCAGCTTTCCTCAAAAGAGTCTACAGACATCATGCTCCATGTTGGCAGCAGAGACCTCGA 1406
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1521 ggaagcgcccccactcgtagttacctgcagagcttcctcctgtagagactactcagttcacoga 1580
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Db 1407 GCAAGCGCCAAAGCTTGAATATATTACAGACATCTAGAGAGACTTCTTACTGCCACATGA 1466
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QY 1581 gccccaagtaccagcc 1595
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1467 AACACAGTACCAAGC 1481
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RESULT 10
US-09-173-581-12
; Sequence 12, Application US/09173581A
; Patent No. 601345
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Tang, Y. Tom
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Yue, Henry
; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
; APPLICANT: Gorgone, Gina
; APPLICANT: Azimzal, Yalda
; APPLICANT: Lu, Aina
; TITLE OF INVENTION: Protein Kinase Homologs
; FILE REFERENCE: PF-0614 US
; CURRENT APPLICATION NUMBER: US/09/173,581A
; CURRENT FILING DATE: 1998-10-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PERL Program
; SEQ ID NO 12
; LENGTH: 1574
; TYPE: DNA
;

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; ORGANISM: Homo sapiens
 ; FEATURE: -
 ; OTHER INFORMATION: 507669
 US-09-173-581-12

Query Match	21.5%;	Score 346.2;	DB 5;	Length 1574;
Best Local Similarity	70.1%;	Pred. No. 3.8e-62;		
Matches 465;	Conservative 0;	Mismatches 198;	Indels 0;	Gaps 0

OY	933	gcgcgagagcccaagctatataaagaagcttgagatcgtgaagagctggtgcagctgtgatagcgt	992
Db	464	gcccgagagcccaacccatactgaaagactgtgcaaaacaaacgaacggctgcttgccttaagcgt	523
OY	993	ggttcacagagagcccatctatcacctgcacacggatgataagaaagggagattgtcgtga	1052
Db	524	ggtacaccagagagcccatctatcacctgataatacattgagatgagtgagtgctagtgga	583
OY	1053	ctttctcaaggggagacagagcgaagtactctgcggtcgtcctgactgctggtgagacatgctgc	1112
Db	584	ttttctcaagacccctctcagagcgtacataagttgacatcaacaacatctctggaatgacag	643
OY	1113	tcgatatgcctcagagcactggtcgtaagcttgagcggatgaactacgtccacacggagacttcg	1172
Db	644	ccaattgcagaaagacatggtgcatctatctgaaagacggaattatctatctatcgtgacttcg	703
OY	1173	tgcagccaacatcctgtgtgagagaaacctgctgtgtcaaaagtgcgcgaactttgtggtcgtgc	1233
Db	704	ggctgcacaactctgtgtgtctgtacaaacctgagctgcaagattgcagactttggtcctagc	763
OY	1233	tcggctcaattgaaagacaatgagtacacgctgcgcaaggtgccaaattcccatcaagt	1292
Db	764	agcgtcattgagacaacagatgacacagcagagggaggggcgaagtttcccatcaagt	823
OY	1293	gacggtcccaagaagctctgcctctatgtgcggtccacacatcaagttcgagctgtgtcctt	1352
Db	824	gacgcgcgcgaagaaacccaatacagggagacatcaccaacataagtcagatgtgtgtcctt	883
OY	1353	cggagatcctgtgtcgtgactgacacacaaagggagacgggtgtccctacacccgtgagtgtaga	1412
Db	884	tgggatactcgtgtgacggaattgttcaaccacacgcgcgcatcccttaaccagggatgaccaa	943
OY	1413	ccgcgagagtgctggaaccaagtgagacgggtgtacacggatgtccctgcgcgcgcgagtgctc	1472
Db	944	cccgagagtgattcagaaacctgagcgaagctacgcgcatgtgtgcgcctcgacaactgtcc	1003
OY	1473	cgagtcctctgacagactctatgtgtaagtgctgacggaaagagcctgtgagagagcggccac	1532
Db	1004	agagagagctgtgacaactcactgagagctgctgtctgttgaaagagcgcccaagaggaacggccac	1062
OY	1533	cttcgagactctggaagccttcctctgtgagagactactcaagtcacacggacggcccaatacca	1592
Db	1064	cttgacactactgtgacagtgctgtcgtgagagcttcttcaacgscacagagggccagatacca	1122
OY	1593	goc 1595	
Db	1124	goc 1126	
RESULT 11			
US-09-006-675-7			
Sequence 7, Application US/09006675			
Patent No. 5952213			
GENERAL INFORMATION:			
APPLICANT: Hemmatt-Brianlou, Al1			
APPLICANT: Kalnshtein, Daniel C.			
TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF			
NUMBER OF SEQUENCES: 12			
CORRESPONDENCE ADDRESS:			
ADDRESSEE: Klauber & Jackson			
STREET: 411 Hackensack Avenue, 4th Floor			
CITY: Hackensack			

Matches 730: Conservative 0; Mismatches 560; Indels 60; Gaps 5;

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QY 264 ctttggccctctatagatagtcagagagagacacgtctctcctaagaagg 323
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DB 503 CTTTGGCCTTTGTTGATTAACAGGCTCGACTGTGAGACTTTCGACAGCAG 562
QY 324 cgaagcgctccagatgtcacaacaacagagagagatgtgtgtccactgcacg 383
    |||||
DB 563 TCACAAACTTCAAGTTCTGTGACATTGATGAGGCTGTGTGTTCCAGACATTGGA 622
QY 384 ccaagagacagac-----agctacatcccccagacacagtcgtgc 422
    |||||
DB 623 GAAAAGACGAGATGGCTCCAGTACGACAACTACAGGCTAATTTCTTCTAATCAGTGGC 682
QY 423 ggcctccgactccatccagagctgagagtgtaatttggcaagatcacacagcgagatc 482
    |||||
DB 683 TGAGGACAGAGGCTTACAGGACAGGCGGTCTTTGGAGCAATCGGAAGATCAGATGC 742
QY 483 agagcggtactactgataatgacagaaacccagagagagaccttcctgtgcgagaagtga 542
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DB 743 AGAGAAACAACATTTATATTTCAGAAAAACAAGACCGGTTCTTTCTAATCAGAGAACTGA 802
QY 543 gaccacgaagatggtcactgctctcagtgctgacttcgacaacgccaagggcctcaa 602
    |||||
DB 803 AAGCCAAAAGAGAAATCTCTCTTTCAGTTTAG-----ATGAGACAGT 847
QY 603 cgtgaagacacatacagatccgcaagctgagcagcgcgctctacacacccctccgac 662
    |||||
DB 848 TGTAAACACTACAGATTAATAAGACTGAGAGAGGAGATTTTTCACGCCAGAGAG 907
QY 663 ccaagtcacaagcctgacagagctgtgtgctactactccaacaacgagcgatgctgtg 722
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DB 908 AATCTTTTCAACCTGAAACAAATTTGTGAGCCATACCAACAAGAGTGAAGGCGCTGTG 967
QY 723 ccaagcctcacaacacagctgtgtgcccacagtcacaacgacgacagctc-----aggg 770
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DB 968 TGTCAAGCTGGGAAACACTTAAAGATCCAGGTCACAGCTTCATTTGATTTGTGCTGA 1027
QY 771 cctgccaagagatgctgagagatccctcgagagctgctgagctgagagtcgaagctggg 830
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DB 1028 TAAACCGTGGACCAATGAGAGATGAGACCGGAACCTCATACAGCTTTCGAAGCATTTGGG 1087
QY 831 ccaagcctccttggcgaggtgtgtgagtgagagacctggaacggtacacacaggtggccat 890
    |||||
DB 1088 ATCTGCTAGTTGGCGCAATATGGAAGGCTGTGTGAACAACTCCAGCTCAGTAGAGT 1147
QY 891 caaaacccggaagcctgagcagatgtctcagagagccttcctgacagagagcgccagtcacat 950
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DB 1148 GAAAACATTAAACCAAGTTCAATGATCCAAATGACTTCTGTGAGGAGGACAGATATAT 1207
QY 951 gaagagagctgagcatgagagagctggtgcatgtgtgtgt-----ttcagaagagcc 1007
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DB 1208 GAAGAACCTTAAGACATCCAAAGCTTATCCAGCTTATGCTGTTTGGCACTTTAAGAAGATCC 1267
QY 1008 cattacatcgtcagcagagatgacatgagcaagggaggttggctgagacttctcagaagggga 1067
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DB 1268 AATTATATATATATACAGAGTTGATGAGACATGGAAGTCTGCAAGAAATATCTCCAAATAGA 1327
QY 1068 gacagagcaagctacccgtgctcagctgctgagtgagacatgagctcagatgcgcctcagg 1127
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DB 1328 CACTGTGATCAAAAATCCATCTGACTCAACAGGTAGACATGCGGACAGGTTGCTCTGG 1387
QY 1128 catggcgtagtggagagagatgaaactgctccacgagagaccttgtagagcaaacatcct 1187
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DB 1388 AATGGCTTACTGTGAGTCTGGAATCTACATTCACAGAGATTTGGCTGACAAAGTCTCT 1447
QY 1188 ggtggagagagacacctggtgtgcaagtgagcagacttggtgtgtgtgtgtgtgtgtgtgtga 1247
    |||||
DB 1448 CATTGGGAACATATATCTCAAGTAGAGATTTTGGATTTGCAAGATTTTAAAGT 1507
QY 1248 caatga-----gtacacggcgcgcaagtgccaaltcccatcaagtggaagcg 1298
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DB 1508 AGATTAATGAAGACATCTATGATCTAGACAGAAATAAAGCTGCCGGGAGAGTGACTGC 1567

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QY 1299 tcaagaagctgcctctatgagcgctcacacatcaagtcgagcgtgtgtctccggat 1358
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DB 1568 GCCGGAAGCATTCGTAGTATATAATTCAGCATTAAGTCCATGATAGTCAATTTGGAT 1627
QY 1359 cctgctactgagctcacacaagaagagcggtgctcctaccctgggagtgtgaacccgga 1418
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DB 1628 CTTTCTTATGAATATCTATTACTTATGGCAAAATCCTTACAGTGTGATGACAGGTGCCA 1687
QY 1419 ggtgctgagcaggttggagcggtctacagatgcccctgcgcgcgagatgtcccgatc 1478
    |||||
DB 1688 GGTATCCAGATGTGTGGCTCAAACTATAGACTTCCGAAACATCCACTGTCCACAGCA 1747
QY 1479 cctgcacagcctcatgtgccaagtctgtgcggaagagcctgagagcgccacacttga 1538
    |||||
DB 1748 ATTTCAACATCATGTGTGAGTGTGGAATGACAGGCTTGAAGAACCTTACATTGA 1807
QY 1539 gtacttgagcctcctctgagagactact 1568
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DB 1808 GACACTGCGTTGAAACTTGAAGACTATT 1837

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RESULT 13

US-08-222-616-19/c

Sequence 19, Application US/08222616

Patent No. 5635177

GENERAL INFORMATION:

APPLICANT: Bennett, Brian D.

APPLICANT: Goeddel, David

APPLICANT: Lee, James M.

APPLICANT: Matthews, William

APPLICANT: Tsai, Siao Ping

APPLICANT: Wood, William I.

TITLE OF INVENTION: PROTEIN TYROSINE KINASE ASONIST

TITLE OF INVENTION: ANTIBODIES

NUMBER OF SEQUENCES: 42

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/222,616

FILING DATE: 4-APR-1994

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/00586

FILING DATE: 22-JAN-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/826935

FILING DATE: 22-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: Lee, Wendy M.

REGISTRATION NUMBER:

REFERENCE/DOCKET NUMBER: 821P2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-1994

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 7607 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-222-616-19

